I CLAIM:

1. A lead-acid battery comprising positive and negative plates and a separator positioned between said positive and negative plates, said positive plates having a grid of an alloy comprising about 0.025% to 0.065% calcium, about 0.4% to 1.9% tin, about 0.02% to 0.045% silver, and the remainder lead, the percentages being by weight of the alloy, said grid being of an alloy strip rolled at a temperature from about the solvus temperature up to less than the peritectic temperature of the alloy composition.

2. The battery of claim 9 wherein the rolled strip has been heat-aged at a temperature of about 200°F to 500°F for a time to increase the population of special grain boundaries in the rolled strip.